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**Complete if Known**

Application Number	10/071,980
Filing Date	02/06/2002
First Named Inventor:	Norrell, et al.
Art Unit:	1577
Examiner Name	Torres, Juan A.

Sheet 1 of 1 Attorney Docket Number 6491.P044

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JAT		us- 5,555,274 A	09-10-1996	Sheets, et al.	
JAT		us- 4,282,407 A	08-04-1981	Stiefel, et al.	
		us-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JAT		JP 61159833	07-19-1986		abstract	Y

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JAT		ORCKIT COMMUNICATIONS LTD "Copper Trunk HDSL Repeater" retrieved from http://web.archive.org/web/20001217100200/http://web.orckit.com/hdsl_repeater.html retrieved 07/04/2005. 2 pages.	
Examiner Signature		<i>John A. Taylor</i>	Date Considered 10/25/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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